

Type E2, D2



Type R



Type E2 / D2

Accuracy (full scale)		E2 0.5 %		D2 0.1 %	
Pressure range		Resolution			
-1...3 bar	-14...43.5 psi	1 mbar	0.1 psi	1 mbar	0.1 psi
-1...40 bar	-14...580 psi	10 mbar	1 psi	10 mbar	1 psi
-1...60 bar	-14...870 psi	10 mbar	1 psi	10 mbar	1 psi
0...400 bar	0...5800 psi	100 mbar	1 psi	100 mbar	1 psi
0...700 bar	0...10 000 psi	100 mbar	1 psi	100 mbar	1 psi
0...1000 bar	0...14 500 psi	100 mbar	1 psi	100 mbar	1 psi

Type R

Accuracy (full scale)	0.2 %
Pressure range*	Resolution
-1...1 bar	1 mbar
-1...2.5 bar	1 mbar
-1...5 bar	1 mbar
-1...10 bar	10 mbar
-1...20 bar	10 mbar
-1...40 bar	10 mbar
-1...60 bar	10 mbar
0...100 bar	100 mbar
0...250 bar	100 mbar
0...350 bar	100 mbar
0...500 bar	100 mbar
0...700 bar	100 mbar
0...1000 bar	1 bar
0...1500 bar	1 bar
0...2000 bar	1 bar

* Other measuring ranges on request.

Functions				
Type	E2 / D2		R	
Adjustment options				
Linearisation			6 points	
Tare / Zero	✓		✓	
Selectable units				
Pressure	bar, mbar, kPa, MPa, PSI, kg/cm², mH2O		bar	
Temperature			°C	
Features				
Measuring inputs	1 x direct		1 x direct	
PC connection (optional)			RS232	
Analogue output				
Built-in version				
Explosion protection				
Data memory				
Number of memory			60 000 values (auto)	
Recording interval			1 s...10 h	
Recording duration			1 min...1000 h	
Data sets			Pressure / Temperature	
Display / Representation				
Multi-functional LCD	4 ½ digit		4 digit	
Bargraph	✓			
Illumination	✓			
Display filter	✓		✓	
Min / max value	✓		✓	
Measuring rate				
Standard	10 ms		100 ms	
Peak / Fast	10 ms		8 ms	
Process connection				
Connection options	G¼		G½	
Material	1.4404		1.4542	
Medium temperature	-20...80 °C	-4...176 °F	-10...70 °C	14...158 °F
For aggressive media	✓		✓	
Housing				
Degree of protection	IP67 (front) / IP67		IP65 (front) / IP40	
Dimension	Ø 80 mm T=30 mm H=100 mm		Ø 85 mm T=30 mm H=30 mm	
Material	Zinc casting		Aluminium	
Operating temperature	0...50 °C	32...122 °F	-10...70 °C	14...158 °F
Weight	540 g	1.2 lbs.	450 g	1.0 lbs.
Power				
Auto-off function	✓		✓	
Battery type	2x 1.5 V AA		2x 1.5 V AAA	
Ext. power (optional)			24 VDC	
Battery operation	1500 h		8000 h	
Certificates (optional)				
DAkkS certificate				
SIKA works certificate				